Approved for use through 10/31/2002. OMB 0651-0030 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY **PATENT APPLICATION TRANSMITTAL**

| Attorney Docket No. | | FP9583 | | | | |
|---------------------|-------------|--------------------------|--|--|--|--|
| First Inventor | | William HOME | | | | |
| Title | RANGE BURNE | ER CONTROL VALVE SHUTTER | | | | |
| _ | | | | | | |

| | | | Title RANGE BORNER CONTROL VALVE SHOTTER | | | | | |
|--|--|-----------------------------------|---|--|--|--|--|--|
| (Only for new nonprovisional applications under 37 CFR 1.53(b)) | | | Express Mail Label No. | | | | | |
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents. | | | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 | | | | | |
| 1. Fee Transmittal Fe (Submit an original and a Applicant claims s See 37 CFR 1.27. 3. Specification (preferred arrangement - Descriptive title - Cross Reference - Statement Regal - Reference to se or a computer p - Background of - Brief Summary | orm (e.g., PTO/SB/17) duplicate for fee processing) mall entity status. [Total Pages 13] It set forth below) of the invention e to Related Applications arding Fed sponsored R & D equence listing, a table, rrogram listing appendix the Invention of the Invention n of the Drawings (if filed) ption | a. b | CD-ROM or CD-Ri Computer Program Rucleotide and/or Amino / (if applicable, all necessa. Computer Reada Specification Sequence i. CD-ROM ii. paper Statements verify ACCOMPANYING Assignment Paper 37 CFR 3.73(b) S (when there is an | n duplicate (Appendix Acid Seque ry) ble Form (i e Listing or or CD-R (2 ring identity APPLIC rs (cover si tatement assignee) | e, large x) ence S CRF) n: copie y of ab | e table or Land Submission Submis | | |
| b. Copy from a (for continua i. DELET Signed sta named in t 1.63(d)(2) 6. Application Data | [Total Pages 1] uted (original or copy) prior application (37 CFR 1.63 (d)) tion/divisional with Box 18 completed) ION OF INVENTOR(S) tement attached deleting inventor(s) he prior application, see 37 CFR and 1.33(b). Sheet. See 37 CFR 1.76 | 111 12 13 14 15 16 | Information Disclo Statement (IDS)/F Preliminary Amer Return Receipt P (Should be specification R) (if foreign priority Nonpublication R (b)(2)(B)(i). Applic or its equivalent. Other: | osure PTO-1449 Indment Indment Indmedically itemin Indmedically itemined Indmedically itemined Indmedically itemined Indmedically itemined | IPEP 5 zed) ocumei der 35 attach | Copies of IDS Citations 503) nt(s) U.S.C. 122 form PTO/SB/35 | | |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. | | | | | | | | |
| | 19. CORRESPOND | ENCE A | DDRESS | | | | | |
| Customer Number or Bar Co | ode Label (Insert Customer No. or Attach ba | ar code labe | or [| Correspon | dence a | ddress below | | |
| Name | Leong C. LEI | | | | | | | |
| Address | PMB#1008, 1867 Ygnacio Valley Ro | | | | | | | |
| City | Walnut Creek | State | CA | Zip C | Code | 94598-3214 | | |
| Country | U.S.A. | ephone | 905 812 9381 | Fé | ax . | 905 286 9781 | | |
| Name (Print/Type) | Leong C. LEI | | Registration No. (Attorney/Agent) 50402 | | | | | |
| Signature | Leong Oli 2 | - | | Date | July | 1, 2003 | | |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

PTO/SB/17 (05-03)
Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Name (Print/Type)

Leong C. LEI

| 101 | 44 | = | ΛΛ |
|------|----|----|----|
| (\$) | 41 | Э. | υu |

| sporte to a collection of init | ormation unless it displays a valid Olvib control number |
|--------------------------------|--|
| Co | omplete if Known |
| Application Number | |
| Filing Date | |
| First Named Inventor | William HOME |
| Examiner Name | |
| Art Unit | |
| Attorney Docket No. | EP9583 |

| METHOD OF PAYMENT (check all that apply) | FEE CALCULATION (continued) | | | | | |
|---|-----------------------------|-------------|-------------|-------------|---|--|
| Check Credit card Money Other None | 3. ADDITIONAL FEES | | | | | |
| Deposit Account: | Large Entity Small Entity | | | | | |
| Deposit | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
| Account Number | 1051 | 130 | 2051 | | Surcharge - late filing fee or oath | Fee Faid |
| Deposit Account | 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or | |
| Name | 1053 | 130 | 1053 | 130 | cover sheet Non-English specification | |
| The Director is authorized to: (check all that apply) | | 2.520 | 1812 | | For filing a request for ex parte reexamination | |
| Charge fee(s) indicated below Credit any overpayments | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to | |
| Charge any additional fee(s) during the pendency of this application | | | | | Examiner action | |
| Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| FEE CALCULATION | 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1. BASIC FILING FEE | 1252 | 410 | 2252 | 205 | Extension for reply within second month | <u> </u> |
| Large Entity Small Entity | 1253 | 930 | 2253 | 465 | Extension for reply within third month | |
| Fee Fee Fee Fee Pee Paid Code (\$) Code (\$) | 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | |
| 1001 750 2001 375 Utility filing fee 375.00 | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | |
| 1002 330 2002 165 Design filing fee | 1401 | 320 | 2401 | 160 | Notice of Appeal | |
| 1003 520 2003 260 Plant filing fee | 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| 1004 750 · 2004 375 Reissue filing fee | 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| 1005 160 2005 80 Provisional filing fee | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| SUBTOTAL (1) (\$) 375.00 | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE | 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | <u> </u> |
| Fee from | 1501 | | 2501 | | Utility issue fee (or reissue) | |
| Total Claims | 1502 | 470 | 2502 | | Design issue fee | |
| Independent | 1503 | 630 | 2503 | | Plant issue fee | |
| Claims Multiple Dependent | 1460 | 130 | 1460 | | Petitions to the Commissioner | <u> </u> |
| Large Entity Small Entity | 1807 | 50 | 1807 | | Processing fee under 37 CFR 1.17(q) | |
| Fee Fee Fee Fee Description | 1806 | 180 | 1806 | | Submission of Information Disclosure Stmt Recording each patent assignment per | |
| Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20 | 8021 | 40 | 8021 | 1 40 | property (times number of properties) | 40.00 |
| 1201 84 2201 42 Independent claims in excess of 3 | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1203 280 2203 140 Multiple dependent claim, if not paid | 1810 | 750 | 2810 | 375 | For each additional invention to be | |
| 1204 84 2204 42 ** Reissue independent claims over original patent | 1801 | 750 | 2801 | 375 | examined (37 CFR 1.129(b)) Request for Continued Examination (RCE) | |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent | 1802 | 900 | 1802 | | Request for expedited examination of a design application | |
| l | Other | fee (sp | ecifv) | | or a actign application | |
| SUBTOTAL (2) (\$) | | | | Filing F | ee Paid SUBTOTAL (3) (\$) 40.00 | , |
| **or number previously paid, if greater; For Reissues, see above SUBTOTAL (3) (\$\\$) 40.00 | | | | | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No.

(Attorney/Agent)

50402

Telephone 905 812 9381